Cat. No. DME100161



## **PRODUCT INFORMATION**

Clone ID DM161 CD5 **Target** 

CD5:LEU1 **Synonyms Host Species** Rabbit

Description Anti-CD5 antibody(DM161); Rabbit mAb

**Delivery** In Stock **Uniprot ID** P06127 IgG type Rabbit IgG Clonality Monoclonal Reactivity Human

**Applications** ELISA; Flow Cyt

Recommended **Dilutions** 

ELISA 1:5000-10000; Flow Cyt 1:100

Purified from cell culture supernatant by affinity **Purification** 

chromatography

Formulation & Reconstitution

Storage & Shipping

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store

at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

This gene encodes a member of the scavenger receptor cysteine-rich (SRCR) superfamily. Members of this family are secreted or membrane-anchored proteins mainly found in cells associated with the immune system. This protein is a type-I transmembrane glycoprotein

**Background** 

found on the surface of thymocytes; T lymphocytes and a subset of B lymphocytes. The encoded protein contains three SRCR domains and may act as a receptor to regulate T-cell proliferation. Alternative splicing results in multiple transcript variants encoding different

isoforms.

Usage Research use only Conjugate Unconjugated

> All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or

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**DIMA Disclaimer** reverse engineering attempt is prohibited. We are actively scrutinizing all patent application to

ensure no IP infringement.

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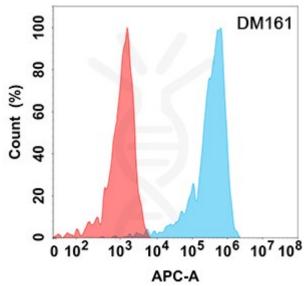


Figure 1. Flow cytometry analysis with Anti-CD5 (DM161) on Expi293 cells transfected with human CD5 (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

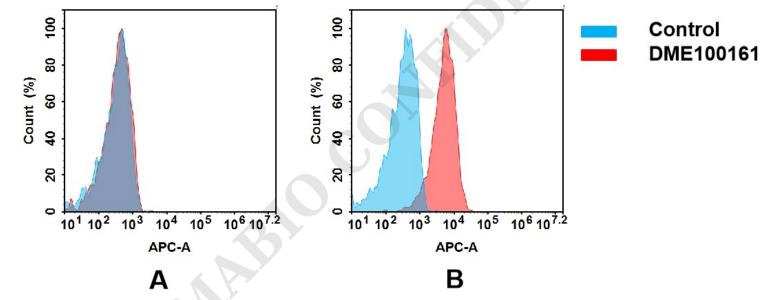


Figure 2. Flow cytometry analysis of antigen binding of rabbit anti-human CD5 mAb(DME100161).

(A) DME100161 does not bind to 293T cells that do not express CD5. (B) A clear peak shift of DME100161 was seen compared to the control when incubated with CD5-expressing Jurkat cells, indicating strong binding of DME100161 to CD5. Antibodies were incubated at 10  $\mu$ g/mL.

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